

Chinese Scientists Win Nobel Prize For Physics

STOCKHOLM (AP)—Two young Chinese-born nuclear scientists working in America won the 1957 Nobel prize in physics today for removing important obstacles to the understanding of the functions of the atom and the universe.

The joint winners of the \$42,000 award are Dr. Chen Ning Yang, 34-year old professor of physics at the Institute for Advanced Study, Princeton, N. J., and Dr. Tsung Dao Lee, 30, Columbia University professor of physics who

is on leave and also at the Princeton Institute.

The two first met at a university in Kunming, China, in the early 1940s but did not begin working together until 1948, after both had come to the United States to study.

The award to Drs. Lee and Yang is the 18th physics prize won by America. Britain runs second with 18.

The citation of the Swedish Academy of Science said the pair were honored "for their profound investigations of the so-called laws of parity, which have led to important discoveries regarding sub-atomic particles."

The hypothesis they formulated, and subsequent experiments by Dr. Chien Shung Wu of Columbia, in effect blew up the parity laws in nuclear physics, which had been generally recognized for more than three decades as fundamental laws of nature. The discoveries enable physicists to restore some intelligible order to the bewildering picture of the goings-on inside the atom.

Bombardment of the nuclei for hearts of atoms has produced a confusing array of some 20 sub-atomic particles. The trouble was that some of them seemed to be in open revolt against an "established" law called the principle of conservation of parity.

In effect, this law held there was no absolute distinction in nature between right and left, or north and south.

Drs. Lee and Yang theorized that the parity law did not hold for some atomic particles at least. The experiments they proposed showed that these particles have a favored rotation or spin, as an intrinsic property. Some spin to the right, some to the left—they can be righthanded or lefthanded.

They can in a sense be screws that turn to the right or to the left. And there is a way to distinguish between right and left.

This opens the way to a unified theory to explain mysteries of the atom. Some promising theories had been blocked because they ran afoul of the parity law. The discovery raises the question of "handedness" in the universe also. If the Milky way is righthanded, possibly there is somewhere a distant galaxy which is lefthanded. Its atoms could be composed of atomic particles just the reverse of our atoms.

Completing the 1957 Nobel choices, the chemistry prize was awarded today to Sir Alexander Todd of Cambridge University, 50-year-old Scotland-born biologist, for fundamental research on matter inside the simplest of cells. The Nobel Foundation also cited his investigation of vitamin B12, the substance found in the human liver which is active against pernicious anemia, and experiments he now is making with the poison contained in hashish, the basis of opium.

"DENNIS THE MENACE"



MEMBER WHEN ALL I COULD GET OUT OF THIS WAS A PEEP?

Traffic Deaths Show Decline

CHICAGO (UP)—Safety experts today predicted American motorists can save more than 1,000 lives this year if they continue their "encouraging" improvement in the traffic toll.

The National Safety Council reported at least 800 lives already have been saved in the first nine months of the year, climaxed by a nine per cent decrease in traffic fatalities in September.

The September traffic toll was 3,380 as compared with 3,710 for the same month last year. It was the ninth straight time the toll has gone down or remained unchanged in the last 10 months.

The highway fatality count for the first nine months of this year was 28,110, a decrease of three per cent over last year's toll of 28,910 for the same period.

The council termed the current traffic trend in the nation encouraging, and lauded drivers, pedestrians and traffic enforcement officers for reducing the toll.

"If this rate of improvement can be maintained the rest of the year," the council said, "more than 1,000 lives can be saved on the highway in 1957. We appeal to everyone to help reach this goal."

During September, 27 of 47 states reporting showed a decrease in traffic fatalities, one had no change and 19 showed increases. A total of 28 states showed decreases for the first nine months of this year.

Idaho led all states with a 26 per cent decrease. Other decreases were shown by North Dakota, Kansas, Georgia, Michigan, Florida, Maine, Missouri, Massachusetts, Tennessee, Colorado, Nebraska, Louisiana, Connecticut, Wyoming, Wisconsin, Alabama, Mississippi, Utah, Texas, New Hampshire, Delaware, Indiana, South Dakota, North Carolina, Washington and California.

Chalking up perfect records for September were 456 cities, the largest being St. Paul, Minn., Providence, R. I., and Wichita, Kan.

Other municipal leaders in their population classifications were St. Louis, Mo., 2.5 deaths; Milwaukee, Wis., 1.5; Denver, Colo., 1.6; Syracuse, N. Y., 1.0; Montgomery, Ala., 0.3; Lynn, Mass., 0.0; Yakima, Wash., 0.0, and Kingsport, Tenn., 0.0.

Paving Money Time Hiked

The Klamath County Court has extended until November 4 the date when residents affected by the projected West Klamath Falls paving project may have on deposit with the county court 70 per cent of the anticipated project cost. The remaining 30 per cent is to be paid when the project is completed.

The project will include paving of Second Street from the south side of the intersection with Third Avenue to a point at the ditch on Second Street lying between First and Second avenues, and the portion of Second Avenue from Third Street to First Street.

It was originally specified that the residents having property bounding the project would have to have their 70 per cent of the cost on deposit by October 30.

Actor Seeking Post In Senate

MANILA (AP)—If you can picture Robert Mitchum or Cary Grant running for the U. S. Senate, you'll get an idea of what's going on in the Philippine election campaign.

Rogelio de la Rosa is a Filipino movie star who looks like a Latinized Mitchum, excites fans as Elvis Presley does, and has the suave durability of Grant. And the 6 feet 2 actor is rated a good prospect for the Philippine Senate. The election is Nov. 12.

Large Floods Hit In Greece

ATHENS, Greece (AP)—Floods following three days of rain have forced evacuation of many central Greek villages.

Thousands of acres of farmland were ravaged and all railroads and highways linking Athens with northern Greece were blocked.

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TU-2 3535
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M-G-M presents
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with
GIA SCALA
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TECHNICOLOR
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BRIAN KEITH - RALPH MEeker

Executive Sees TV Education

ST. LOUIS (AP)—Harry Bannister, vice president of the National Broadcasting Co., says educational television may eventually permit a person to earn a college degree without ever stepping inside a classroom.

Bannister made his prediction in a speech to the National Assn. of Educational Broadcasters yesterday.

He urged the broadcasters to use television as a supplement to meet the growing need for education facilities.

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Radio And TV Log

NOTE: The Herald and News is not responsible for last minute changes in the radio and TV schedules. They are published merely as a public service and are furnished by the various stations involved.

KFLW-CBS & ABC, 1430 KC
Thursday Evening, Oct. 31
8:00 Sports Highlights
8:05 Music for Dining
7:50 News CBS
7:55 Lowell Thomas CBS
7:30 Sports Time CBS
7:25 People in the News ABC
7:30 Amos 'N' Andy CBS
7:15 Speaking of Sports ABC
8:00 News CBS
8:55 Masters of Melody CBS
8:30 Robert G. Lewis CBS
9:00 News CBS
9:05 The Bob Inch Show
9:25 The Bob Inch Show
9:55 Late News ABC
10:00 The Bob Inch Show
12:00 Sign Off

Friday, Nov. 1
6:00 Early Morning News
6:15 America's Favorite Music News - Breakfast Edition
7:15 Weathercast
7:19 Breakfast Broadcast
7:20 Frank Gowdy CBS
7:45 Harry Babbitt CBS
8:00 Musical Variety Show CBS
8:25 Showup News
8:30 Break Time
8:50 Breakfast Club ABC
10:00 Wendy Warren CBS
10:15 Na Perles CBS
10:20 Young Dr. Malone CBS
10:30 Shopping Life CBS
11:00 Shopping Life CBS
11:15 Music for Employment
11:30 Sports Highlights
11:45 Just Entertainment CBS
12:00 Noon Edition News
12:15 Payless Sidewalk Show
12:30 House Party CBS
1:00 Arthur Godfrey Time CBS
2:30 Backstage Wire CBS
2:45 Helen Trent CBS
3:00 Our Gal Sunday CBS
3:15 Nora Drake CBS
3:20 Second Mrs. Burton CBS
3:45 Strike High CBS
4:00 Let There Be Light
4:15 Baret Briefs
4:30 Music
4:35 Arthur Godfrey CBS
5:00 Edward R. Murrow
5:15 Weather Roundup
5:20 Behind the Headlines
5:30 Tom Harmon CBS
5:45 Frank Goss CBS
6:00 Sports Highlights
6:05 Music for Dining
7:00 News CBS
7:05 Lowell Thomas CBS
7:30 Sports Time CBS
7:25 People in the News ABC
7:30 Amos 'N' Andy CBS
7:55 KTHV vs Crater High Football
10:00 The Bob Inch Show
12:00 Sign Off

KFJL-MBS & DLBS, 1130 KC
Thursday Evening, Oct. 31
6:00 Edw. P. Morgan News DLBS
6:15 World of Sports
6:30 First Federal News
6:45 Kraft News - DLBS
6:50 Bill Brundage Sports - DLBS
7:00 Theater Royal - DLBS
7:25 Gabriel Heatter - DLBS
7:30 Sports Highlights
7:55 Headline Edition DLBS
8:00 Coke Time with Eddie Fisher
8:15 Mostly Music
8:20 News - DLBS
9:00 Report From Salem
9:30 Sports Highlights
10:00 10:00 PM Headlines
10:10 Bill Stern Sports - DLBS
11:00 News Summary
11:05 Mostly Music
12:00 Sign Off

Friday, Nov. 1
5:30 News Summary
5:35 The Coffee Cup
6:00 News Summary

KBS-TV Channel 5
CBS, NBC, ABC
Thursday Evening, Oct. 31
2:00 Garry Moore
2:30 Arthur Godfrey
3:30 Strike It Rich
4:00 Feminine Fancies
4:30 Gateway
4:45 Search For Tomorrow
5:00 Rin Tin Tin
5:30 Ore-Cal Panorama
6:00 Your TV Weatherman
6:05 News
6:15 Doug Edwards and the News
6:30 Art at the Organ
6:45 Garry Moore
7:00 Men of Annapolis
7:30 Playhouse
8:00 Harbormaster
8:30 Shower of Stars
9:30 Sheriff of Cochise
10:30 This Week in Sports
10:15 Pill Box
10:20 World Passport
10:30 News
10:35 This Is Your Life
11:05 Sign Off

Friday, Nov. 1
11:40 Chaplains Corner
11:50 Cartoon Time
11:55 News
12:00 Big Payoff
12:30 Verdick is Yours
1:00 Brighter Day
1:15 Secret Storm
1:30 Edge of Night
2:00 Copco Home Show
2:30 Garry Moore
2:30 Strike It Rich
4:00 Feminine Fancies
4:30 A Visit With the City Police
4:45 Search For Tomorrow
5:00 Wild Bill Hickok
5:30 News
6:00 Weather and News
6:15 Doug Edwards
6:30 Joe Palooka
7:00 Cavalcade of Sports
7:50 Do It Yourself
8:00 Mr. Adams and Eve
8:30 Captain David Grief
9:00 The Lineup
9:30 Darvon Hunyion
10:00 Stories of the Century
10:30 20th Century Fox
12:00 Sign Off

KVPV-TV Channel 7, Redding, California
Thursday Evening, Oct. 31
2:00 Comedy Time
2:30 Truth or Consequences
3:00 American Bandstand

Friday, Nov. 1
12:00 Matinee Theater
1:00 Queen For A Day
1:45 Modern Romances
2:00 Comedy Time
2:30 Truth or Consequences
3:00 American Bandstand
4:00 Philco Playhouse
5:30 Komic Carnival
6:30 Billy Jack Wills
7:00 Cavalcade of Sports
7:45 Red Barber's Corner
8:00 Ina Sanction
9:00 TBA
9:30 Sheriff of Cochise
10:00 S. J. Denham News
10:15 Bob Albertson Show
12:00 News Summary

French Report Killing 50 Rebels

ALGIERS (AP)—A widescale military operation in the Oran area of western Algeria killed 50 rebels, French authorities said today.

They also reported that rebels fired last night on a train between Oran and Orleansville, killing an 18-month-old baby and gravely wounding a French soldier.

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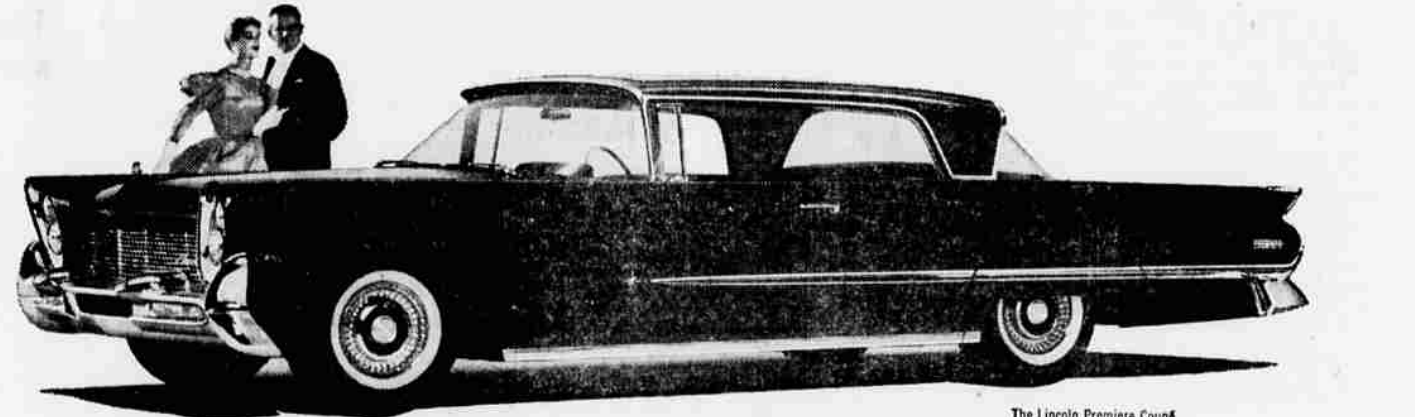
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